

AMENDMENTS TO THE CLAIMS

1. (Previously presented) An apparatus for executing a document print job to produce job output comprising printed documents, the apparatus having a plurality of output receptacles for receiving the job output printed documents, the apparatus comprising:

an output distribution module for selectively creating a plurality of job output subsets from execution of a single document print job and for selectively directing one of said plurality of output subsets to one of the plurality of output receptacles, wherein at least two of said plurality of print job output subsets contain different numbers of output printed documents.

2. (Previously presented) An apparatus for executing a document print job as defined by claim 1 wherein said output distribution module further comprises a subset quantity selector control for specifying a number of printed documents to place in each of said job output subsets.

3. (Previously presented) An apparatus for executing a document print job as defined by claim 1 wherein each of the plurality of output receptacles has a unique identifier, and wherein said output distribution module further comprises a subset receptacle selector for selecting which of the plurality of output receptacles to direct each of said plurality of output subsets to.

4. (Previously presented) An apparatus for executing a document print job as defined by claim 1 wherein the apparatus comprises a copier, and wherein the apparatus further comprises a user accessible control interface for at least partially controlling the copier, said control interface being linked to said output distribution module.

5. (Previously presented) An apparatus for executing a document print job as defined by claim 4 wherein said control interface comprises at least a subset quantity selector for specifying a number of output printed documents to be placed in each of said plurality of job output subsets.

6. (Previously presented) An apparatus for executing a document print job as defined by claim 4 wherein said control interface comprises at least a subset receptacle selector for selecting an output receptacle from the plurality of receptacles for directing each of said output subsets to.

7. (Previously presented) An apparatus for executing a document print job as defined by claim 1 wherein the apparatus comprises a printer connected to at least one computer, and wherein at least a portion of said control module comprises program code for execution by the computer.

8. (Previously presented) An apparatus for executing a document print job as defined by claim 7 wherein said control module further comprises a subset quantity selector for specifying a number of output printed documents from said single job to be placed in each of said output subsets and a subset receptacle selector for selecting which of the plurality of output receptacles to direct each of said plurality of output subsets to, said subset quantity selector and said subset receptacle selector accessible through the computer.

9. (Previously presented) An apparatus for executing a document print job as defined by claim 7 wherein said distribution control module comprises a driver running on the computer, and wherein said distribution control module further comprises a subset quantity selector for selecting a quantity of printed documents to be placed in each of said output subsets, said subset quantity selector comprising a component of said driver accessible through a graphic user interface displayed on the computer.

10. (Previously presented) An apparatus for executing a document print job as defined by claim 9, wherein said driver further comprises a subset receptacle selector for specifying which of the plurality of output receptacles to direct each of said plurality of output subsets to, and wherein said subset quantity selector and said subset receptacle selector are accessible through a table interface.

11. (withdrawn) A copier for executing copy jobs, a copy job comprising generating job output comprising a plurality of printed documents, the copier being of the type that has a plurality of output receptacle trays each having a unique identifier, the copier comprising:

an output distribution control module for selectively creating a plurality of output subsets from the execution of a single copy job and for selectively directing each of said plurality of output subsets to one each of the plurality of output receptacles, at least two of said output subsets having different numbers of output documents therein, said output documents comprising a medium selected from the group of mediums including papers, polyethylene, polycarbonate, polystyrene, synthetic sheets, and metal sheets; and,

a user accessible control interface for at least partially controlling the copier, said control interface linked to said output control module, said control interface having a subset quantity selector for specifying a number of copies to place in each of said plurality of output subsets, said control interface having a subset tray selector for selecting by unique identifier which of the plurality of output trays to direct each of said plurality of output subsets to.

12. (Previously presented) A printer connected to at least one computer for executing print jobs, the printer having a plurality of output trays for receiving the printed documents, each of the trays having a unique identifier, the printer comprising:

a printer driver for execution by the computer for functional interface with the printer, the printer driver selectively causing the printer to create a plurality of subsets of

output printed documents from a single print job and causing the computer to selectively deposit each of said output subsets in different output trays, said driver having a subset quantity selector for selecting a number of output documents to be placed in each of said plurality of output sets, at least two of said plurality of output sets having different numbers of printed documents, said driver having a subset tray selector for selecting by unique identifier which of the plurality of trays to direct each of said output subsets to, said printer driver accessible through a graphic user interface on the computer.

13. (Original) A printer as defined by claim 12 wherein at least a portion of said graphic user interface comprises a tabular interface for selecting values for said subset quantity selectors and for said subset tray selectors.

14. (withdrawn) A computer program product for use with a document production apparatus, the apparatus for executing print jobs to produce printed documents, the apparatus being of the type that has a plurality of output receptacles for receiving the printed documents, the program product comprising computer executable instructions embedded in a computer readable medium, the instructions when executed causing the apparatus to:

accept a plurality of input subset quantity selections, each of said subset quantity selections comprising a number of printed documents to be placed in one each of a plurality of output subsets to be created from the execution of a single document print job, said printed documents comprising a medium selected from the group of mediums including papers, polyethylene, polycarbonate, polystyrene, synthetic sheets, and metal sheets, at least two of said subset quantity selections being different from one another;

create said plurality of output subsets from the execution of a single document print job, place a number of output printed documents corresponding to one of said plurality of subset quantity selections in one each of said output subsets; and,

direct one each of said plurality of output subsets to one each of the plurality of output receptacles.

15. (withdrawn) A computer program product as defined by claim 14, wherein the computer program instructions when executed further cause the computer to:
accept a plurality of input subset tray selections, one each of said tray selections specifying which of the plurality of trays to direct one each of the plurality of output subsets to.

16. (withdrawn) A computer program product for use with a printer, the printer for executing a print job to produce job output, the printer being connected to a computer and having a plurality of output trays, the computer program product comprising computer executable instructions embedded in a computer readable medium, the instructions when executed causing the printer to:

selectively create a plurality of job output subsets from the output of a single print job, each of said output subsets containing a number of printed documents specified by a user-input subset quantity selection, at least two of said subsets containing different numbers of printed documents from one another;

selectively direct one of said plurality of output subsets to one of the plurality of output receptacles as specified by a user-input subset tray selection; and,

wherein said user-input subset tray selections and said user-input subset quantity selections are made through a graphic user interface displayed on the computer.

17. (Canceled)

18. (withdrawn) A computer program product as defined by claim 16 wherein at least a portion of said graphic user interface comprises a tabular format for entering said subset tray selections and said subset quantity selections.

19. (withdrawn) A computer program product for use with a copier, the copier for executing a copy job to produce job output, the copier having a user accessible

control interface for at least partially controlling the copier, the copier being of the type that has an internal processor means, the computer program product comprising computer executable instructions embedded in a computer readable medium, the instructions when executed causing the copier to:

create a plurality of job output subsets from the execution of a single copy job, each of said output subsets containing a number of documents to be printed specified by a user-input subset quantity selection, at least two of said subsets containing different numbers of documents to be printed from one another, wherein said output documents comprise a medium selected from the group of mediums including papers, polyethylene, polycarbonate, polystyrene, synthetic sheets, and metal sheets;

direct each of said plurality of output subsets to one of the plurality of output receptacles as specified by a user-input subset tray selection; and,

wherein said user-input subset tray selections and said user-input subset quantity selections are made through the copier user interface.